

SELECTION & SPECIFICATION DATA

Generic Type	Polyester aliphatic polyurethane
Description	*This product is obsolete. Please contact Carboline Technical Service for assistance.
Features	<ul style="list-style-type: none"> • Clear finish • High reflectance • VOC compliant • High gloss; 90% or better • Very good flexibility • Can be applied by spray or roller • Excellent impact resistance • Excellent abrasion resistance
Finish	High Gloss
Dry Film Thickness	2 - 3 mils (51 - 76 microns) per coat
Typical Uses	Typical uses include cafeterias, warehouses, hallways, computer rooms, display rooms, laboratories, or other similar uses where appearance is desired.
Solids Content	By Volume 56% +/- 2%
Theoretical Coverage Rate	898 ft ² /gal at 1.0 mils (22.0 m ² /l at 25 microns) 449 ft ² /gal at 2.0 mils (11.0 m ² /l at 50 microns) 299 ft ² /gal at 3.0 mils (7.3 m ² /l at 75 microns) Allow for loss in mixing and application.
VOC Values	As Supplied : 3.5 lbs/gal (420 grams/liter) Thinner 25 : 13oz/gal: 3.86 lb/gal (463 gm/liter) *These are nominal values.

SUBSTRATES & SURFACE PREPARATION

General	Apply over recommended primer or coating. Check recoat window of previous coat and if recoat window has been exceeded, prepare surface as recommended. Make certain that the substrate is clean, sound, and free of all dirt, dust, oil, grease, or foreign contaminants. Be absolutely sure surface is completely dry.
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TYPICAL CHEMICAL RESISTANCE

Exposure	Fumes	Splashes & Spills
Acids	Good	Good
Alkalies	Very Good	Very Good
Salt	Excellent	Excellent
Solvents	Excellent	Very Good
Water	Excellent	Excellent

*Short term exposure to ketones.

Sanitile[®] 865 Clear Gloss

PRODUCT DATA SHEET



MIXING & THINNING

- Mixing** | Combine Part A and Part B and power mix. **Do not whip air into mixture.** Allow 3 minutes for sweat-in before applying. It is not recommended to use partial kits.
- Thinning** | Thinning normally not required, but may be thinned up to (10%) 13 ounces per gallon with Thinner 25 for warm or hot conditions.
Use of thinners other than those supplied or approved by Carboline may adversely affect product performance and void product warranty, whether express or implied.
- Pot Life** | 2 hours at 75°F (24°C) and less at higher temperatures.

APPLICATION EQUIPMENT GUIDELINES

Listed below are general equipment guidelines for the application of this product. Job site conditions may require modifications to these guidelines to achieve the desired results.

- Spray Application (General)** | This is a high solids coating and film build should be checked frequently (3.5-5.5 mils wet). Take care to maintain a wet edge and protect against overspray or drift. The following spray equipment had been found suitable and is available from manufactures such as Binks, DeVilbiss and Graco.
- Conventional Spray** | Pressure pot equipped with dual regulators, 3/8" I.D. minimum material hose, .070" ID. fluid tip and appropriate air cap.
- Airless Spray** | Pump Ratio: 30:1 (min)
GPM Output: 3.0 (min)
Material Hose: 3/8" I.D. (min)
Tip Size: .015"-.017"
Output psi: 2100-2300 psi
Filter size: 60 mesh
*Teflon packings are recommended and are available from the pump manufacturer.
- Brush & Roller (General)** | Use a high quality 1/4" or 3/8" nap woven roller cover. Use a high quality brush for touch-up or cut-in only. Apply at the recommended application rate of 500 square feet per gallon in a uniform manner. **Do not roll excessively.**

APPLICATION CONDITIONS

Condition	Material	Surface	Ambient	Humidity
Minimum	50°F (10°C)	40°F (4°C)	40°F (4°C)	10%
Maximum	90°F (32°C)	85°F (29°C)	85°F (29°C)	75%

This is a moisture sensitive product. **Do not apply when the surface temperature is less than 5°F or 3C above the dew point.** Avoid application when temperature exceeds 85°F and when humidity is above 75%. In many cases, application will yield the best results during the early morning hours to avoid bubbles and maintain flow properties. It is important to optimize air movement during application and cure. Sufficient to allow solvent release and removal but not too much in order to limit excessive humidity exposures. These times are based on a 2.5 mil (62 micron) recommended dry film thickness. High film thicknesses and cooler temperatures will lengthen cure times.

CURING SCHEDULE

Surface Temp.	Final Cure General	Light Traffic	Tack Free
70°F (21°C)	5 Days	24 Hours	12 Hours

These times are based on a 2.5 mil (62 micron) recommended dry film thickness. High film thicknesses and cooler temperatures will lengthen cure times.

CLEANUP & SAFETY

Cleanup	<p>Most standard floor cleaners, cleaning fluids or detergents will not damage the coating. However, we recommend testing for compatibility before using cleaners. Frequency of cleaning will not harm the surface, but do not use abrasive black floor pads, Nylogrit pads or sandpaper. If you use a floor machine, we recommend using bassine brushes, particularly if using antislip aggregate. Mechanical scrubbers will diminish the gloss but not harm the coating.</p> <p>Use Thinner 2.</p>
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MAINTENANCE

General	<p>Most standard floor cleaners, cleaning fluids or detergents will not damage the coating. However, we recommend testing for compatibility before using cleaners. Frequency of cleaning will not harm the surface, but do not use abrasive black floor pads, Nylogrit pads or sandpaper. If you use a floor machine, we recommend using bassine brushes, particularly if using antislip aggregate. Mechanical scrubbers will diminish the gloss but not harm the coating.</p>
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PACKAGING, HANDLING & STORAGE

Shelf Life	12 months when stored indoors at 75°F (24°C).
Storage Temperature & Humidity	Temperature: 40-110°F Humidity: 0-90%
Storage	Store Indoors.
Shipping Weight (Approximate)	<p>1.0 Gal. Kit Sanitile 865 Clear Gloss: 10 lbs. (4.5 kg)</p> <p>1's Thinner 25: 8 lbs. (3.6 kg)</p> <p>5's 39 lbs. (17.7 kg)</p>
Flash Point (Setaflash)	<p>Part A: 132°F (56°C) Part B: 134°F (57°C) Thinner 25: 87°F (30°C)</p>

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WARRANTY

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